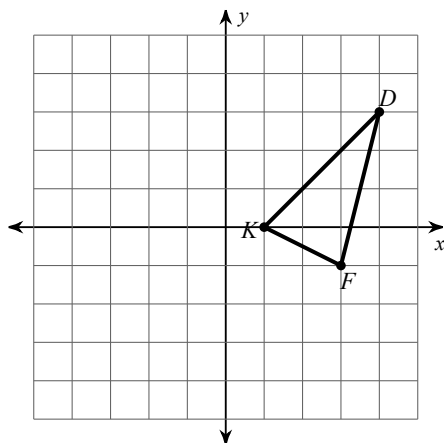


# Transformations Review

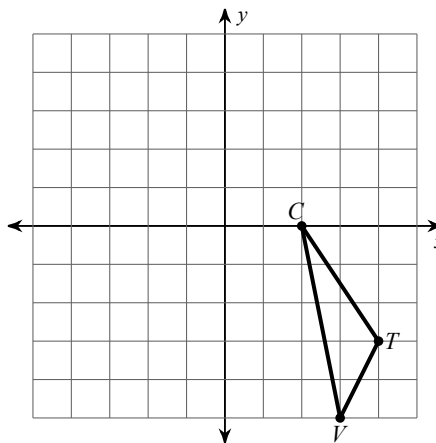
Date \_\_\_\_\_ Period \_\_\_\_\_

**Graph the image of the figure using the transformation given.**

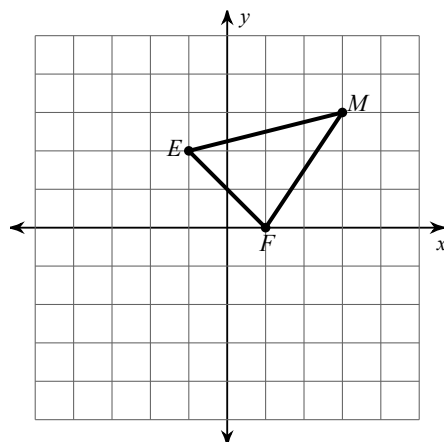
1) reflection across  $y = 1$



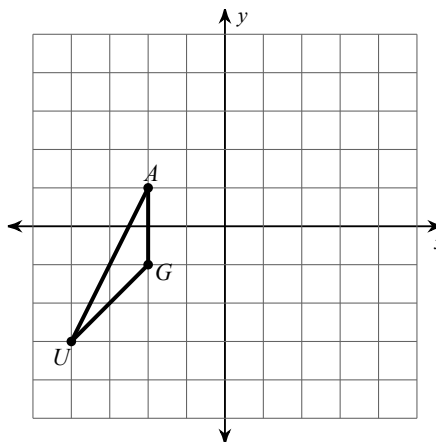
2) rotation  $180^\circ$  about the origin



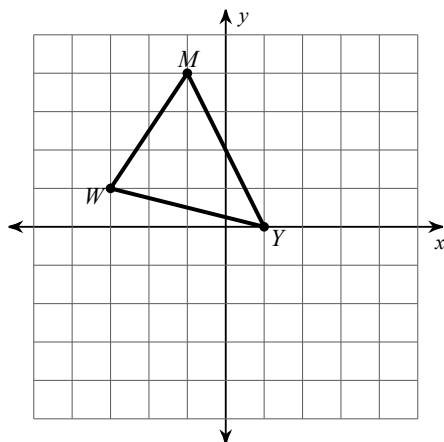
3) translation: 4 units left and 5 units down



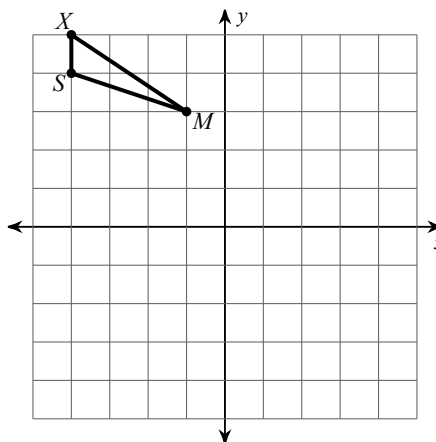
4) rotation  $90^\circ$  counterclockwise about the origin



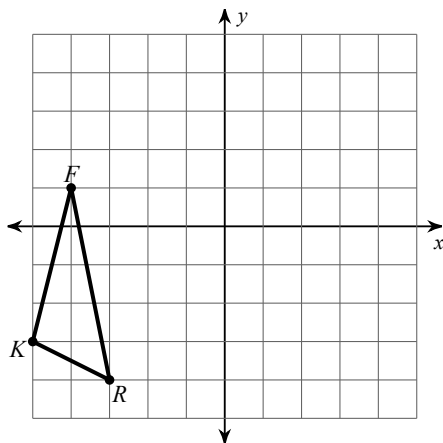
5) translation: 3 units right and 3 units down



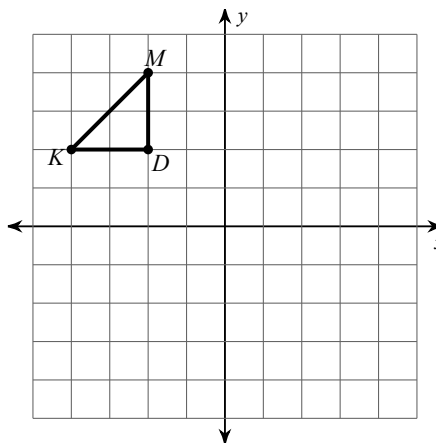
6) translation: 3 units right



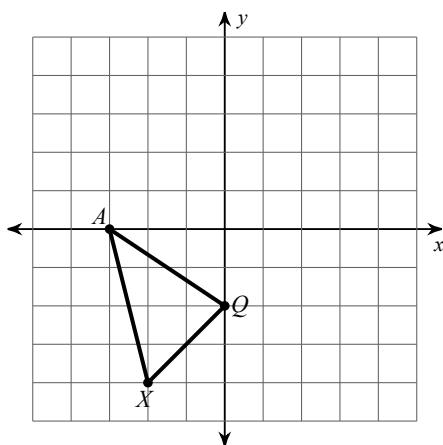
7) reflection across  $x = -3$



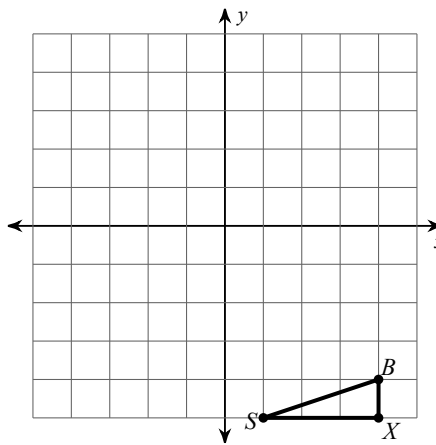
8) reflection across  $x = -1$



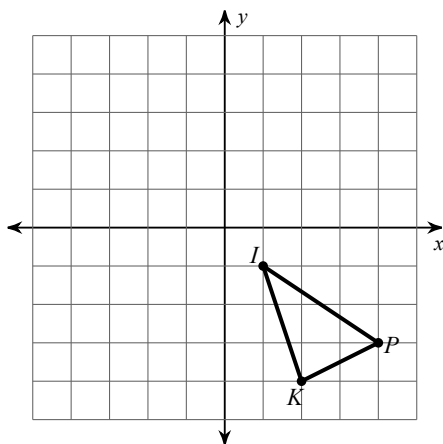
9) reflection across  $y = -x$



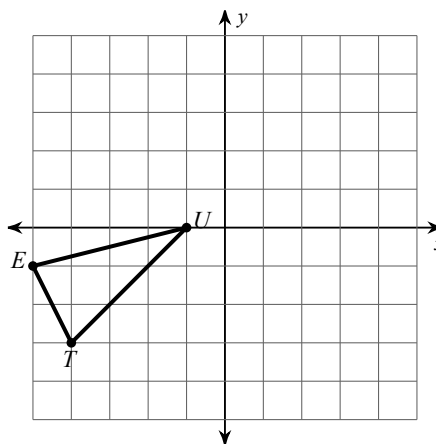
10) rotation  $90^\circ$  clockwise about the origin



11) rotation  $90^\circ$  clockwise about the origin

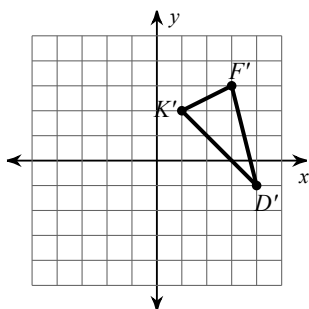


12) translation: 5 units right and 3 units up

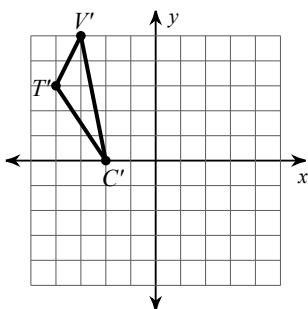


# Answers to Transformations Review (ID: 1)

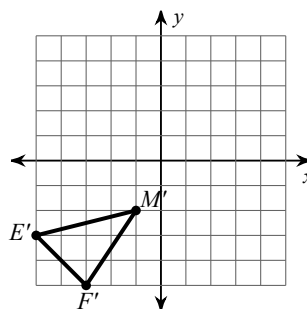
1)



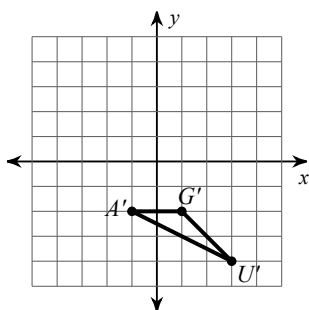
2)



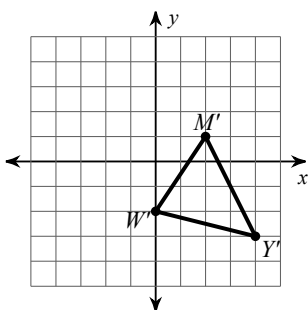
3)



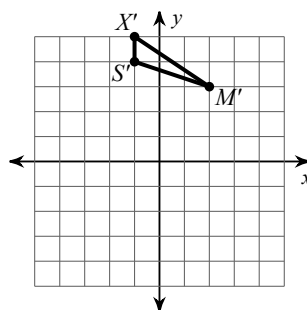
4)



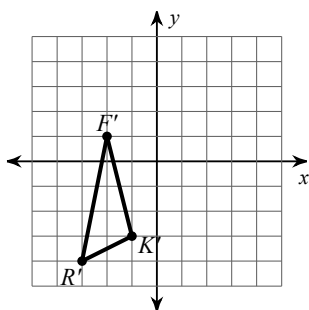
5)



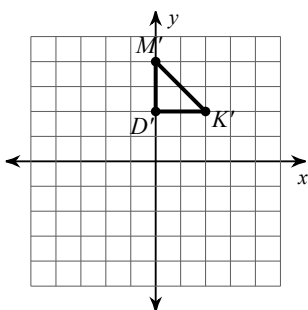
6)



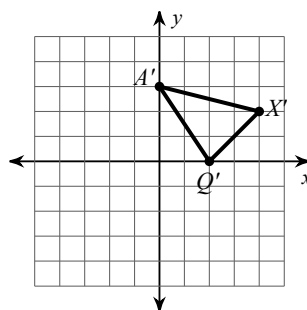
7)



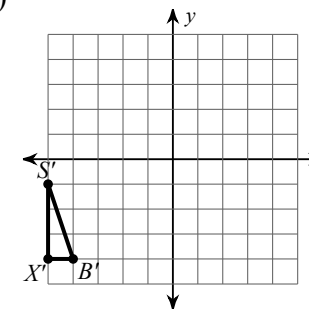
8)



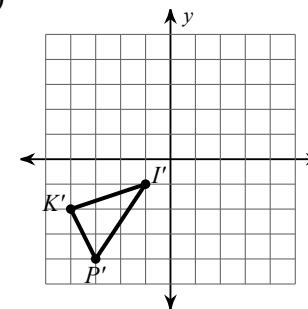
9)



10)



11)



12)

